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# MONTANA OIL AND GAS STATISTICAL BULLETIN

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## OIL AND GAS CONSERVATION COMMISSION

SAVINGS BLDG.
HELENA, MONTANA

Vol. X, No. 4 — MONTANA RECORD PUBLISHING CO. HELENA, MONTANA — APRIL, 1962

Production of crude oil and condensate from the oil and gas areas of Montana for the Month of April 1962, averaged 85,551 barrels daily, a decrease of 1,511 barrels from the average March production of 87,062.

The nine refineries in the State processed 68,694 barrels of crude oil daily for the month of April, 1962, a decrease of 2,380 barrels from the 71,074 barrels processed daily during the month of March 1962.

During April, 37 wells were completed, 18 oil, 1 gas well and 18 dry holes.

During April, the commission issued 36 permits to drill new wells, a decrease of 3 from the 39 permits issued during March.

### SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA

MONTH OF APRIL, 1962

| | |
|---|---|
| IN STORAGE APRIL 1st: | |
| By Producers | 385,453 |
| By Transporters | 877,194 |
| By Refiners | 559,443 |
| TOTAL STORAGE | 1,822,090 |
| Produced in Montana During Month | 2,566,543 |
| Imported During Month | 1,185,985 |
| TOTALS | 5,574,618 |
| DISPOSITION: | |
| Refined in Montana | 2,060,855 |
| Exported | 1,458,511 |
| Used for Fuel or Lost | 8,434 |
| TOTAL | 3,527,800 |
| IN STORAGE APRIL 30th: | |
| By Producers | 366,123 |
| By Transporters | 936,698 |
| By Refiners | 743,997 |
| TOTAL STORAGE | 2,046,818 |

### NATURAL GAS WITHDRAWALS IN MONTANA

Month of April, 1962

| Field | M Cu. Ft. |
|---|---|
| Bears Den | 0 |
| Big Coulee | 75,999 |
| Bowdoin | 124,816 |
| Bowes | 97,461 |
| Box Elder | 0 |
| Cabin Creek | 75,285 |
| Cedar Creek | 267,485 |
| Clarks Fork | 0 |
| Cut Bank (including Reagan) | 578,660 |
| Devon | 0 |
| Dry Creek | 91,399 |
| Elk Basin | 17,560 |
| Flat Coulee | 3,597 |
| Golden Dome | 5,992 |
| Grandview | 0 |
| Hardin | 4,995 |
| Havre | 0 |
| Keith Block | 194,406 |
| Kevin Sunburst | 66,360 |
| Pine | 69,108 |
| Plevna | 12,406 |
| Utopia | 26,523 |
| Whitlash | 72,739 |
| Miscellaneous | 6,571 |
| TOTAL | 1,791,362 |

Total Withdrawals for April, 1961 were 2,721,657 M Cu. Ft.

## PRODUCERS REPORT—MONTH OF APRIL, 1962

| Leases | Field | No. of Wells | Storage 1st of Month | Oil Produced | Oil Shipped By | | Used or Lost | Storage End of Month |
|---|---|---|---|---|---|---|---|---|
| | | | | | Pipeline | Truck | | |
| 1 | Ash Creek | 4 | 765 | 2,438 | | 2,758 | | 445 |
| 5 | Bannatyne | 9 | 1,754 | 1,395 | | 2,066 | | 1,083 |
| 3 | Bear's Den | 4 | 1,618 | 1,625 | | 1,885 | | 1,358 |
| 1 | Belfry | 1 | 195 | 570 | | 662 | | 103 |
| 1 | Benrud | 1 | 622 | 1,250 | 1,314 | | | 558 |
| 10 | Big Wall | 28 | 5,917 | 30,173 | 32,119 | 559 | | 3,412 |
| 11 | Blackfoot | 16 | 3,690 | 9,164 | | 9,724 | | 3,130 |
| 2 | Border | 2 | 132 | 316 | | 388 | | 60 |
| 1 | Bowes | 74 | 6,207 | 16,277 | 17,056 | | | 5,428 |
| 2 | Bredette North | 2 | 1,498 | 626 | 732 | | | 1,392 |
| 5 | Brorson | 5 | 5,191 | 7,153 | | 7,954 | | 4,390 |
| 2 | Cabin Creek | 104 | 7,556 | 290,667 | 219,300 | 72,460 | | 6,463 |
| 15 | Cat Creek | 94 | 3,557 | 19,097 | 19,378 | | | 3,276 |
| 1 | Clark's Fork North | 1 | | 1,883 | | 1,883 | | |
| 1 | Cupton | 1 | 1,223 | 570 | 1,512 | | | 281 |
| 216 | Cut Bank | 1,109 | 127,208 | 166,934 | 167,198 | | 626 | 126,318 |
| 3 | Deer Creek | 6 | 2,370 | 15,294 | 14,195 | | | 3,469 |
| 1 | Delphia | 11 | 931 | 738 | 1,062 | | | 607 |
| | Devil's Basin | | 889 | | | | | 889 |
| 4 | Dry Creek | 4 | 1,655 | 1,253 | 2,080 | | | 828 |
| 20 | Dwyer | 21 | 9,712 | 79,220 | 55,437 | 22,983 | 430 | 10,082 |
| 7 | Elk Basin | 59 | 3,794 | 289,345 | 289,969 | | | 3,170 |
| 1 | Fertile Prairie | 1 | 168 | 558 | | | | 726 |
| 2 | Flat Coulee | 2 | 638 | 1,769 | | 1,360 | | 1,047 |
| 2 | Frannie | 2 | 342 | 1,611 | 1,562 | | | 391 |
| 2 | Gage | 2 | 670 | 259 | 259 | | | 670 |
| 3 | Gas City | 10 | 6,582 | 44,603 | 43,546 | | | 7,639 |
| 6 | Glendive | 11 | 3,022 | 39,801 | 40,098 | | | 2,725 |
| 1 | Graben Coulee | 1 | 378 | 688 | 942 | | | 124 |
| 4 | Gypsy Basin | 4 | 2,387 | 1,991 | 3,034 | | | 1,344 |
| 2 | Hibbard | 3 | 527 | 2,109 | | 2,191 | | 445 |
| 9 | Ivanhoe | 20 | 4,671 | 34,446 | 35,516 | | 25 | 3,576 |
| 5 | Keg Coulee | 12 | 6,791 | 43,442 | 45,770 | | | 4,463 |
| 143 | Kevin Sunburst | 929 | 21,689 | 53,902 | 54,225 | | | 21,366 |
| 1 | Little Beaver | 21 | 2,453 | 29,840 | 29,885 | | | 2,408 |
| 5 | Little Beaver, East | 12 | 4,004 | 31,982 | 32,118 | | 1,194 | 2,674 |
| 1 | Lookout Butte | 8 | | 42,034 | 42,034 | | | |
| | Mackay Dome | | 770 | | | | | 770 |
| 3 | Melstone | 8 | 1,141 | 3,446 | 2,922 | | | 1,665 |
| 6 | Monarch | 14 | 4,783 | 24,462 | 24,391 | | | 4,854 |
| 4 | Mosser | 4 | | 1,226 | | 1,226 | | |
| 7 | Outlook | 11 | 6,586 | 39,229 | 38,956 | | | 6,859 |
| 3 | Outlook, South | 3 | 3,361 | 2,695 | 4,480 | | | 1,576 |
| 21 | Pennel | 35 | 11,500 | 95,528 | 97,426 | | 140 | 9,462 |
| 5 | Pine | 151 | 14,702 | 404,754 | 403,478 | | 955 | 15,023 |
| 77 | Pondera | 306 | 7,310 | 38,331 | 37,191 | | | 8,450 |
| 2 | Pondera Coulee | 2 | 144 | 354 | 354 | | | 144 |
| 6 | Poplar, East | 88 | 19,549 | 150,983 | 151,940 | | 13 | 18,579 |
| 3 | Poplar, Northwest | 4 | 1,128 | 1,461 | 1,022 | | | 1,567 |
| 4 | Ragged Point | 12 | 1,649 | 15,139 | 14,310 | | | 2,478 |
| 3 | Reagan | 41 | 3,449 | 16,917 | 17,013 | | | 3,353 |
| 13 | Red Creek | 25 | 3,905 | 34,849 | 32,334 | | | 6,420 |
| 1 | Redstone | 1 | 1,021 | 930 | 1,655 | | | 296 |
| 1 | Repeat | 1 | 546 | 1,498 | 1,498 | | | 546 |
| 5 | Richey | 11 | 4,309 | 7,596 | 4,418 | 3,473 | | 4,014 |
| 2 | Richey, Southwest | 3 | 1,374 | 15,722 | 15,267 | | 138 | 1,691 |
| 4 | Sand Creek | 5 | 2,918 | 11,756 | 10,212 | | | 4,462 |
| 1 | Sevenmile | 2 | | 11,817 | 11,817 | | | |
| 2 | Snyder | 4 | 1,950 | 1,175 | | 1,651 | | 1,474 |
| 5 | Soap Creek | 9 | 5,515 | 4,596 | | 4,112 | | 5,999 |
| 10 | Stensvad | 25 | 13,655 | 81,119 | 86,571 | | | 8,203 |
| 29 | Sumatra | 95 | 15,047 | 202,873 | 203,038 | | | 14,882 |
| 6 | Tule Creek | 8 | 4,354 | 68,228 | 69,780 | | | 2,802 |
| 14 | Whitlash | 36 | 6,442 | 12,418 | 2,457 | 9,809 | 483 | 6,111 |
| 11 | Wills Creek | 17 | 1,902 | 26,075 | 25,185 | | | 2,792 |
| 10 | Wolf Springs | 19 | 4,946 | 24,697 | 24,834 | | | 4,809 |
| 2 | Woodrow | 2 | 691 | 1,646 | 1,835 | | | 502 |
| 759 | | 3,536 | 385,453 | 2,566,543 | 2,434,725 | 147,144 | 4,004 | 366,123 |

| Total Oil Produced and Shipped from Lease | Bbls. Produced | Daily Average | Bbls. Shipped | Daily Average |
|---|---|---|---|---|
| Year, 1961 | 30,906,044 | 84,674 | 30,855,175 | 84,534 |
| First Quarter, 1962 | 7,758,129 | 86,201 | 7,754,899 | 86,165 |
| April, 1962 | 2,566,543 | 85,551 | 2,581,869 | 86,062 |

| Oil in Storage | In Producers Field Tank | In Transporters Storage | In Refiners Storage* | Total Oil in Storage |
|---|---|---|---|---|
| December, 1961 | 386,286 | 940,839 | 629,288 | 1,956,413 |
| March, 1962 | 385,453 | 877,194 | 559,443 | 1,822,090 |
| April, 1962 | 366,123 | 936,698 | 743,997 | 2,046,818 |

*Includes Wyoming Oil

# TRANSPORTERS REPORT—MONTH OF APRIL, 1962

| | Storage First of Month | OIL RECEIVED BY | | | Loss or Gain | OIL SHIPPED TO | | | Storage End of Month |
|---|---|---|---|---|---|---|---|---|---|
| | | Pipeline | Truck | Connecting Carrier | | Montana | Other States | Connecting Carrier | |
| ASH CREEK—Truck | | | 2,758 | | | | 2,758 | | |
| BANNATYNE—Truck | | | 2,066 | | | 2,066 | | | |
| BELFRY—Truck | | | 662 | | | | 662 | | |
| BIG WALL | | | | | | | | | |
| Truck—McWood Corp. | | | 559 | | | | | | 559 |
| Glacier Pipe Line Co. | | 31,429 | | | | 31,429 | | | |
| | | 31,429 | 559 | | | 31,429 | | | 559 |
| BLACKFOOT—Union Oil Co. | | | 9,724 | | | 9,724 | | | |
| BORDER—Truck | | | 388 | | | 388 | | | |
| BOWES—Texaco, Inc. | | 17,056 | | | | 17,056 | | | |
| BRORSON—Truck | | | 7,954 | | | | 7,954 | | |
| CABIN CREEK & OTHERS* | | | | | | | | | |
| Butte Pipe Line Co. | 326,373 | 902,299 | | 581,922 | (20) | | 1,517,698 | | 292,916 |
| Shell Pipe Line Corp. | 2,012 | 126,241 | 72,460 | | (1,641) | | | 197,184 | 5,170 |
| | 328,385 | 1,028,540 | 72,460 | 581,922 | (1,661) | | 1,517,698 | 197,184 | 298,086 |
| CAT CREEK— | | | | | | | | | |
| Glacier Pipe Line Co. | | 15,576 | | | | 15,576 | | | |
| CLARK'S FORK—Truck | | | 1,883 | | | | 1,883 | | |
| CUT BANK, GRABEN COULEE, PONDERA COULEE AND GYPSY BASIN | | | | | | | | | |
| Big West Oil Co. | | 30,131 | | | | | | 30,131 | |
| Darling Gathering System, Inc. | 1,900 | 6,902 | | | | | | 7,042 | 1,760 |
| Glacier Pipe Line Co. | | | | 88,843 | | | 88,843 | | |
| Phillips Petroleum Co. | 74,956 | 58,962 | | 28,839 | 880 | 68,662 | | 18,313 | 74,902 |
| Texas Pipe Line Co. | 50,296 | 22,220 | | 40,850 | 200 | | | 63,909 | 49,257 |
| Teton Pipe Line Corp. | 21,607 | 37,091 | | 34,906 | 372 | | | 73,845 | 19,387 |
| Union Oil Co. | 59,092 | 51,141 | | 45,106 | (646) | 64,769 | | | 91,216 |
| | 207,851 | 206,447 | | 238,544 | 806 | 133,431 | 88,843 | 193,240 | 236,522 |
| DELPHIA—Glacier Pipe Line Co. | | 1,063 | | | | | 1,063 | | |
| DRY CREEK— | | | | | | | | | |
| Marathon Pipe Line Co. | 7,569 | 2,268 | | | (65) | | | 42 | 9,860 |
| DWYER—Truck, McWood Corp. | 1,798 | | 22,983 | | 215 | | 23,275 | | 1,291 |
| ELK BASIN—Ohio Oil Co. | | 289,969 | | | | 212,260 | 77,709 | | |
| FRANNIE—Ohio Oil Co. | | 1,562 | | | | 1,562 | | | |
| GAGE—Glacier Pipe Line Co. | | 259 | | | | | 259 | | |
| GLENDIVE, DEER CREEK, WOODROW, SAND CREEK AND SEVENMILE | | | | | | | | | |
| The Texas Pipe Line Co. | 8,202 | 78,161 | | | 648 | 2,316 | | 79,976 | 3,423 |
| HIBBARD—Truck | | | 2,191 | | | 2,191 | | | |
| IVANHOE—Glacier Pipe Line Co. | | 36,608 | | | | | 36,608 | | |
| KEG COULEE— | | | | | | | | | |
| Glacier Pipe Line Co. | | 44,656 | | | | 21,184 | 23,472 | | |
| KEVIN-SUNBURST— | | | | | | | | | |
| Big West Oil Co. | 2,141 | 57,793 | | | | 56,772 | | | 3,162 |
| Homestake Oil & Gas Co. | 189 | 2,407 | | 7,042 | | 7,838 | | | 1,800 |
| The Texas Pipe Line Co. | 5,696 | 20,558 | | | (169) | | | 20,727 | 5,696 |
| | 8,026 | 80,758 | | 7,042 | (169) | 64,610 | | 20,727 | 10,658 |
| MELSTONE— | | | | | | | | | |
| Glacier Pipe Line Co. | | 2,923 | | | | 2,923 | | | |
| MOSSER—Truck | | | 1,226 | | | | 1,226 | | |
| PONDERA—Phillips Petr. Co. | 38,886 | 42,463 | | 3,328 | (546) | 50,363 | | | 34,860 |
| POPLAR, BENRUD, BREDETTE, DWYER, OUTLOOK, OUTLOOK SOUTH, REDSTONE, RICHEY & TULE CREEK | | | | | | | | | |
| East Poplar Gathering System | 27,736 | 296,974 | | | (27) | | | 304,761# | 19,976 |
| RAGGED POINT— | | | | | | | | | |
| Glacier Pipe Line Co. | | 15,888 | | | | | 15,888 | | |
| REAGAN—Union Oil Co. | | 17,013 | | | | 17,013 | | | |
| RED CREEK— | | | | | | | | | |
| Teton Pipeline Corp. | | 35,255 | | | 349 | | | 34,906 | |
| RICHEY—Truck, McWood Corp. | | | 3,473 | | | | 3,473 | | |
| SNYDER—Truck—McWood Corp. | | | 1,651 | | | | | | 1,651 |
| SOAP CREEK—Truck | | | | | | | | | |
| McWood Corp. | 3,440 | | 4,112 | | (60) | | | | 7,612 |
| SUMATRA AND STENSVAD— | | | | | | | | | |
| Crude Oil Pipe Line, Inc. | 18,706 | 15,980 | | | (323) | 14,901 | | | 20,108 |
| Glacier Pipe Line Co. | 213,929 | 274,010 | | | 4,881 | 203,808 | | | 279,250 |
| | 232,635 | 289,990 | | | 4,558 | 218,709 | | | 299,358 |
| SWEETGRASS HILLS—Truck | | | 3,245 | | | 3,245 | | | |
| WHITLASH—Truck | | | 9,809 | | | 9,809 | | | |
| WOLF SPRINGS— | | | | | | | | | |
| Crude Oil Pipe Line, Inc. | 12,666 | 24,834 | | | (77) | 24,735 | | | 12,842 |
| TOTALS | 877,194 | 2,559,692 | 147,144 | 830,836 | 3,971 | 840,590 | 1,802,771 | 830,836 | 936,698 |

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Southwest Richey, and Wills Creek Fields.

#Transferred to Butte Pipe Line Company.

## BARRELS OF CRUDE OIL REFINED IN MONTANA
## MONTH OF APRIL, 1962

| Field | Big West Oil Co. | Continental Oil Co. | Diamond Asphalt Co. | Farmers Union | Humble Oil & Rfg. Co. | Jet Fuel Refinery | Petrofuels Rfg. Co ,.Inc. | Phillips Petr. Co. | Union Oil Co. | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| Bannatyne | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | 920 | ---------- | 920 |
| Blackfoot | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | 3,520 | 3,520 |
| Bowes | ---------- | ---------- | 10,965 | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | 10,965 |
| Cat Creek | ---------- | 9,456 | ---------- | 1,721 | ---------- | 2,711 | ---------- | ---------- | ---------- | 13,888 |
| Cut Bank | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | 68,665 | 72,086 | 140,751 |
| Dry Creek | ---------- | ---------- | ---------- | 2,288 | ---------- | ---------- | ---------- | ---------- | ---------- | 2,288 |
| Elk Basin | ---------- | 65,013 | ---------- | ---------- | 143,656 | ---------- | ---------- | ---------- | ---------- | 208,669 |
| Hibbard | ---------- | ---------- | ---------- | ---------- | ---------- | 628 | ---------- | ---------- | ---------- | 628 |
| Kevin Sunburst | 40,148 | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | 40,148 |
| Pondera | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | 47,922 | 739 | 48,661 |
| Reagan | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | 202 | 202 |
| Red Creek | ---------- | ---------- | ---------- | ---------- | 11,995 | ---------- | ---------- | ---------- | ---------- | 11,995 |
| Richey, S. W. | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | 16,077 | ---------- | ---------- | 16,077 |
| Sumatra & Stensvad | ---------- | 305 | ---------- | 266,039 | 68,126 | ---------- | ---------- | ---------- | ---------- | 334,470 |
| Tule Creek | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- | 10,240 | ---------- | ---------- | 10,240 |
| Wolf Springs | ---------- | ---------- | ---------- | ---------- | 31,448 | ---------- | ---------- | ---------- | ---------- | 31,448 |
| Total Montana Oil | 40,148 | 74,774 | 10,965 | 270,048 | 255,225 | 3,339 | 26,317 | 117,507 | 76,547 | 874,870 |
| Canadian Oil Imported | ---------- | ---------- | 10,233 | ---------- | ---------- | ---------- | ---------- | ---------- | 5,799 | 16,032 |
| Wyoming Oil Imported | ---------- | 408,230 | ---------- | 249,450 | 510,174 | 2,099 | ---------- | ---------- | ---------- | 1,169,953 |
| Total Montana, Canadian & Wyoming Oil | 40,148 | 483,004 | 21,198 | 519,498 | 765,399 | 5,438 | 26,317 | 117,507 | 82,346 | 2,060,855 |

### AVERAGE BARRELS PER DAY

| | Montana | Canada | Wyoming | TOTAL |
|---|---|---|---|---|
| Year, 1961 | 26,841 | 90 | 38,461 | 65,392 |
| April, 1961 | 22,369 | 86 | 42,821 | 65,276 |
| April, 1962 | 29,162 | 534 | 38,998 | 68,694 |

### PERCENTAGE OF CRUDE OIL REFINED

| | Montana | Canada | Wyoming |
|---|---|---|---|
| Year, 1961 | 41.04% | .15% | 58.81% |
| April, 1961 | 34.26% | .15% | 65.59% |
| April, 1962 | 42.45% | .78% | 56.77% |